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# Comparative Biochemistry and Physiology

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| <b>James M. Benevides,<br/>George C. Tremblay and<br/>Carl S. Hammen</b>                               | 779 | Determination of isocitrate lyase and malate synthase activities in a marine bivalve mollusk by a new method of assay              |
| <b>Siegbert Merkle</b>   | 783 | Long-term starvation in <i>Xenopus laevis</i> Daudin—III. Effects on enzymes in several tissues                                    |
| <b>S. A. Omorphos, Christine M. Hawkey<br/>and Catherine Rice-Evans</b>                                | 789 | The elliptocyte: a study of the relationship between cell shape and membrane structure using the camelid erythrocyte as a model    |
| <b>Fumio Watanabe, Yoshihisa Nakano,<br/>Yoshiyuki Tamura and<br/>Shozaburo Kitaoka</b>                | 797 | Transfer system of cobalamin from pellicle to cytosolic binding proteins in <i>Euglena gracilis</i>                                |
| <b>Soraya P. Shirazi-Beechey,<br/>Richard B. Kemp, Jane Dyer<br/>and R. Brian Beechey</b>              | 801 | Changes in the functions of the intestinal brush border membrane during the development of the ruminant habit in lambs             |
| <b>Franklin David Rumjanek,<br/>Vania Maria Martin Braga<br/>and Charles Kelly</b>                     | 807 | DNA binding proteins of <i>Schistosoma mansoni</i> recognizing a hexanucleotide motif occurring in genes regulated by steroids     |
| <b>S. Watabe, T. Tsuchiya and<br/>D. J. Hartshorne</b>   | 813 | Phosphorylation of paramyosin  |
| <b>Claudia G. Petersen,<br/>Arno Rudi Schwantes, Paulo H. de Luca<br/>and Maria Luiza B. Schwantes</b> | 823 | Functional properties of the two major hemoglobin components from <i>Leporinus friderici</i> (Pisces)                              |
| <b>Ya-Huan Lou, Akihiko Hara<br/>and Hiroya Takahashi</b>  | 829 | Induction of autoantibodies against spermatozoa by injection of allogeneic sperm in the Nile tilapia, <i>Oreochromis niloticus</i> |
| <b>Thomas Jamieson and<br/>Alastair C. Wardlaw</b>   | 837 | Degradation of bacterial lipopolysaccharides by digestive-gland extracts of marine bivalve molluscs                                |
| <b>Setsuko Fujita, Ken-ichiro Kobayashi<br/>and Shiro Horiuchi</b>                                     | 845 | Partial purification and characterization of cysteine proteinase from metamorphosing tadpole tails of <i>Rana catesbeiana</i>      |



